

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**



Declaration  
Submitted  
with Initial  
Filing

OR



Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

960296.99021

First Named Inventor

Thomas p. Zwaka

**COMPLETE IF KNOWN**

Application Number

Filing Date

Art Unit

Examiner Name

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DIRECTED GENETIC MODIFICATIONS OF HUMAN STEM CELLS

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="checked" type="checkbox"/> Customer Number <span style="border: 1px solid black; padding: 2px 20px;">26734</span> OR <input type="checkbox"/> Correspondence address below			
Name <b>Nicholas J. Seay</b>			
Address <b>Quarles &amp; Brady LLP</b>			
Address <b>P.O. Box 2113</b>			
City <b>Madison</b>		State <b>WI</b>	ZIP <b>53701-2113</b>
Country <b>USA</b>	Telephone <b>608-251-5000</b>		Fax <b>608-251-9166</b>
<small>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</small>			
NAME OF SOLE OR FIRST INVENTOR :		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>Thomas P.</b> (first and middle [if any])		Family Name <b>Zwaka</b> or Surname	
Inventor's Signature			Date
Residence: City <b>Madison</b>	State <b>WI</b>	Country <b>US</b>	Citizenship <b>US</b>
Mailing Address <b>17 University Houses</b>			
Mailing Address			
City <b>Madison</b>	State <b>WI</b>	ZIP <b>53705</b>	Country <b>US</b>
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>James A.</b> (first and middle [if any])		Family Name <b>Thomson</b> or Surname	
Inventor's Signature			Date
Residence: City <b>Madison</b>	State <b>WI</b>	Country <b>US</b>	Citizenship <b>US</b>
Mailing Address <b>1807 Regent Street</b>			
Mailing Address			
City <b>Madison</b>	State <b>WI</b>	ZIP <b>53705</b>	Country <b>US</b>
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			